

01/10/02

JC813 U.S. PTO

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Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. D5186  
First Inventor John P. Watson  
Title Poppet Valve Actuator  
Express Mail Label No. EL 929237189 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 21]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Pages 2]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Certificate of Express Mail
17. ☒ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 09/457,908  
Prior application information: Examiner W. Lo Group Art Unit: 3748

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label  or ☐ Correspondence address below  
(Insert Customer Number or Bar Code Label here)

Name Dennis Kelly Sullivan 30409  
Address International Engine Intellectual Property Company, L.L.C.  
4201 Winfield Rd.  
City Warrenville State IL Zip Code 60555  
Country U.S.A. Telephone 630/753-2311 Fax 630/753-3982

Name (Print/Type)	Dennis Kelly Sullivan	Registration No. (Attorney/Agent)	26,510
Signature		Date	1/10/01

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JC813 U.S. PTO

PTO/SB/17 (11-00)  
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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 1,292

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	John P. Watson
Examiner Name	
Group Art Unit	
Attorney Docket No.	D5186

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 14-0603  
Deposit Account Name International Truck & Engine Corp.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	201	710	355			Utility filing fee	740
106	206	320	160			Design filing fee	
107	207	490	245			Plant filing fee	
108	208	710	355			Reissue filing fee	
114	214	150	75			Provisional filing fee	

SUBTOTAL (1) (\$) 740

### 2. EXTRA CLAIM FEES

Total Claims 46  
Independent Claims 4  
Multiple Dependent  
Extra Claims -20\*\* = 26 X Fee from below 18 = 468  
-3\*\* = 1 X 84 = 84  
= 0

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	203	18	9			Claims in excess of 20
102	202	80	40			Independent claims in excess of 3
104	204	270	135			Multiple dependent claim, if not paid
109	209	80	40			** Reissue independent claims over original patent
110	210	18	9			** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 552

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	205	130	65			Surcharge - late filing fee or oath	
127	227	50	25			Surcharge - late provisional filing fee or cover sheet	
139	239	130	130			Non-English specification	
147	247	2,520	2,520			For filing a request for ex parte reexamination	
112	212	920*	920*			Requesting publication of SIR prior to Examiner action	
113	213	1,840*	1,840*			Requesting publication of SIR after Examiner action	
115	215	110	55			Extension for reply within first month	
116	216	390	195			Extension for reply within second month	
117	217	890	445			Extension for reply within third month	
118	218	1,390	695			Extension for reply within fourth month	
128	228	1,890	945			Extension for reply within fifth month	
119	219	310	155			Notice of Appeal	
120	220	310	155			Filing a brief in support of an appeal	
121	221	270	135			Request for oral hearing	
138	238	1,510	1,510			Petition to institute a public use proceeding	
140	240	110	55			Petition to revive - unavoidable	
141	241	1,240	620			Petition to revive - unintentional	
142	242	1,240	620			Utility issue fee (or reissue)	
143	243	440	220			Design issue fee	
144	244	600	300			Plant issue fee	
122	222	130	130			Petitions to the Commissioner	
123	223	50	50			Processing fee under 37 CFR 1.17(q)	
126	226	180	180			Submission of Information Disclosure Stmt	
581	281	40	40			Recording each patent assignment per property (times number of properties)	
146	246	710	355			Filing a submission after final rejection (37 CFR § 1.129(a))	
149	249	710	355			For each additional invention to be examined (37 CFR § 1.129(b))	
179	279	710	355			Request for Continued Examination (RCE)	
169	269	900	900			Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0

## SUBMITTED BY

Name (Print/Type) Dennis Kelly Sullivan  
Signature *Dennis Kelly Sullivan*

Registration No. (Attorney/Agent) 26, 510

## Complete (if applicable)

Telephone 630/753-2311  
Date 1/10/02

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:           Watson, et al.  
Attorney Docket:                       D5186  
Entitled:                                 Poppet Valve Actuator

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

"EXPRESS MAIL" mailing label number:       *EL 929237189 US*  
DATE OF DEPOSIT:                               *January 10, 2002*

I hereby certify that this Patent Application is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR 1.10 on the date indicated above and is addressed to BOX Patent Application, ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

  
Cathi Majewski